

CLAIMS

1. A general global gateway (GGG) configured to support communication between a first network and a second network to enable a mobile station (MS) subscribed in the first network to communicate using the second network, comprising:
 - a database configured to store an identity of the mobile station; and
 - a logic unit configured to execute program logic to obtain authentication information from the first network based on the identity of the mobile station.
2. The GGG of claim 1, further comprising a location register configured to store a location of the mobile station to enable a call incoming to the mobile station from the first network to route the incoming call to the mobile station through the GGG.
3. The GGG of claim 1, wherein the logic unit is further configured to determine whether authentication parameters from the mobile station satisfies GGG authentication criteria.
4. The GGG of claim 1, further comprising a service center configured to send and receive messages to and from the second network according to a message format of the service center.
5. The GGG of claim 2, further comprising a second location register configured to store a location of the mobile station to enable a call outgoing from the mobile station to the first network to route the outgoing call from the mobile station through the GGG.
6. The GGG of claim 4, wherein the service center is configured to send and receive Internet Protocol (IP) messages to and from the second network.
7. The GGG of claim 4, wherein the service center is a short message service center (SMSC) configured to send and receive messages to and from the second network.
8. The GGG of claim 4, wherein the messages deliver services that are provided by the first network that may not be provided by the second network.

9. The GGG of claim 7, wherein the SMSC is configured to send and receive SMS messages to validate a subscription in a network.
10. A general global gateway (GGG) configured to support communication between a first network and a second network to enable a mobile station (MS) subscribed in the first network to communicate using the second network, comprising:
 - means for storing an identity of the mobile station; and
 - means for executing program logic to obtain authentication information from the first network based on the identity of the mobile station.
11. The GGG of claim 10, further comprising means for storing a location of the mobile station to enable a call incoming to the mobile station from the first network to route the incoming call to the mobile station through the GGG.
12. The GGG of claim 10, wherein the means for executing program logic is configured to determine whether authentication parameters from the mobile station satisfies GGG authentication criteria.
13. The GGG of claim 11, further comprising means for sending and receiving short message service (SMS) messages to and from the second network.
14. The GGG of claim 11, further comprising means for storing a location of the mobile station to enable a call outgoing from the mobile station to the first network to route the outgoing call from the mobile station through the GGG.
15. A method of wireless communications between a first network and a second network enabling a mobile station (MS) subscribed in the first network to communicate using the second network, comprising:
 - storing an identity of the mobile station;
 - obtaining authentication information from the first network based on the identity of the mobile station;

storing the authentication information from the first network in a general global gateway (GGG); and

using the stored authentication information from the first network to authenticate the mobile station.

16. The method of claim 15, further comprising storing a location of the mobile station to enable a call incoming to the mobile station from the first network to route the incoming call to the mobile station through the GGG.

17. The method of claim 15, further comprising determining whether authentication parameters from the mobile station satisfy GGG authentication criteria.

18. The method of claim 15, further comprising communicating directly from the mobile station to the first network after the mobile station has been authenticated in the first network.

19. The method of claim 16, further comprising configured to sending and receiving short message service (SMS) messages to and from the second network.

20. The method of claim 16, further comprising storing a location of the mobile station to enable a call outgoing from the mobile station to the first network to route the outgoing call from the mobile station through the GGG.

21. Computer readable media embodying a program of instructions executable by a computer program to perform a method of wireless communications between a first network and a second network enabling a mobile station subscribed in the first network to communicate using the second network, the method comprising:

storing an identity of the mobile station;

obtaining authentication information from the first network based on the identity of the mobile station;

storing the authentication information from the first network in a general global gateway (GGG); and

using the stored authentication information from the first network to authenticate the mobile station.